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UNIO MERCERII.—Testâ lævi, latè elliptica, compressâ, posticè compressâ et biangulatâ, anticè rotundatâ, valdè inæquilaterali; valvulis subtenuibus; natibus prominulis; epidermide tenebroso-fuscâ, subnitidâ, eradiatâ; dentibus cardinalibus parvis, tuberculatis striatisque; lateralibus prælongis subcurvisque; margaritâ purpureâ et valdè iridescente.

Hab.—Lee Co., Geo., Dr. Mercer.

UNIO ARKANSASSENSIS.—Testâ lævi, ovato-obliquâ, inæquilaterali, posticè compressâ et obtusè biangulatâ, anticè rotundâ; valvulis crassiusculis, anticè paulisper crassioribus; natibus subelevatis; epidermide flavescente, obsoletè radiatâ; dentibus cardinalibus parvis, striatis crenulatisque; lateralibus sublongis, subrectis subcrassisque; margaritâ albâ et valdè iridescente.

Hab.—Near Hot Springs, Arkansas, Byrd Powell, M. D.

UNIO BEALEI.—Testâ lævi, ellipticâ, subcompressâ, inæquilaterali, posticè obtusè angulatâ, anticè rotundatâ; valvulis crassiusculis, anticè crassioribus; natibus prominulis; epidermide vel tenebroso-fuscâ vel nigricante, obsoletè radiatâ; dentibus cardinalibus parvis, compressis, crenulatis, acuminatis, in utroque valvulo duplicibus; lateralibus prælongis, subcurvis, lamellatis; margaritâ vel albâ vel dilutè salmoniâ et valdè iridescente.

Hab.—Leon County, Texas, Lieut. E. F. Beale, U. S. Navy. Rutersville, Texas, Prof. Forshey.

ANODONTA LEONENSIS.—Testâ lævi, ellipticâ, inflatâ, inæquilaterali, posticè subbiangulatâ, anticè obliquè rotundatâ et paulisper sulcatâ; valvulis tenuibus, anticè paulisper crassioribus; natibus prominentibus, tumidis, ad apices nodosis; epidermide fulgidâ, luteo-virente vel fuscescente, vel obsoletè radiatâ vel eradiatâ; margaritâ cæruleo-albâ et valdè iridescente.

Hab.—Leon County, Texas, Lieut. E. F. Beale, U. S. Navy.

ANODONTA WILLIAMSH.—Testâ lævi, ovato-oblongâ, inflatâ, subæquilaterali, posticè subbiangulatâ, anticè rotundatâ et paulisper sulcatâ; valvulis subtenuibus, anticè ad marginem incrassatis; natibus prominulis, inflatis, ad apices undulatis; epidermide vel viridi vel luteo-olivâ, fulgidâ, obsoletè radiatâ vel eradiatâ; margaritâ cæruleo-albâ et valdè iridescente.

Hab.—Potomac River, at the White House below Mt. Vernon, H. C. Williams.

ANODONTA TRYONII.—Testâ lævi, obliquo-ellipticâ, subcompressâ, sublenticulari, valdè inæquilaterali, posticè subbiangulari, anticè rotundatâ; valvulis tenuibus; natibus prominulis, subcompressis, ad apices undulatis, epidermide fulgidâ, vel virente vel fuscescente, obsoletè radiatâ; margaritâ cæruleo-albâ et valdè iridescente.

Hab.—Schuylkill River, above Philadelphia, Delaware River, at League Island, G. W. Tryon, jr. Flemington, Con., Prof. Shepard. Westfield, Mass., Dr. Shurtleff; and Potomac near Chain Bridge, above Washington, Prof. Henry.

Description of a New Genus, (*TRYPANOSTOMA*) of the Family *MELANIDÆ*, and of forty-five New Species.

BY ISAAC LEA.

Family *MELANIDÆ*.

Genus *TRYPANOSTOMA*.*—Testa conica, apertura rhomboidea, infernè subcanaliculata. Labro expanso. Columella lævis, infernè contorta. Operculum corneum, ad spirans pertinens.

The enormous number of species in the genus *Melania*, has made it very desirable to eliminate as many as possible, by founding new genera, when well-characterised groups can be established. With this view, I proposed, in the

* *Τρύπανον*, an auger, and *στόμα*, a mouth.

Proceedings of the Academy in April last, the genus *Strephobasis*. The genus now proposed, under the name of *Trypanostoma*, will include all the well-known *Melania* with an *auger-shaped* aperture, the type of which may be considered Mr. Say's *Melania canaliculata*, a common and well-known species from the basin of the Ohio River. It will include a number of large species, indeed, nearly all of the large and ponderous species of the United States. Many new ones will be found in this paper. Objections may be raised against increasing the number of genera without the aid of the examination of the soft parts. But there is no validity in this objection, from the fact, that in the present condition of the Science of Malacology, we are becoming acquainted with a vast number of new and interesting forms, without the hope, at present, of seeing the soft portion of the animals. These may, at some future time, and, no doubt, will be examined and carefully described by Zoologists, who may dwell near the waters where these numerous and highly developed species reside. Until this takes place, we can only group them upon the characters which are presented by their outward hard portions, which are accessible to us now.

In proposing this new genus, I am aware that European Zoologists have made many genera and subgenera in this Family, but none have made groups of our numerous species by which they can be properly divided. They have mixed them up, notwithstanding all the time and care they have bestowed upon them, in a manner so as to make great confusion. Mr. Swainson, in his "Treatise on Malacology," proposed a subgenus of *Melania* under the name of *Ceriphasia*, and gives a figure, page 204, (*C. sulcata*), stating it came from Ohio. It is evident, on looking on this figure, that it does not represent any Ohio species, neither in the aperture nor in the revolving ribs. Dr. Gray and the Messrs. Adams* adopt the genus, and the latter give a figure (pl. 31, fig. 6) of *canaliculata*, Say, as the type, which I do not think answers to the description or figure of Mr. Swainson. Dr. Gray, in his excellent "List of the genera of Recent Mollusca," in the Proceedings of the Zoological Society, expresses a doubt whether his *Telescopella* may not be the same with *Ceriphasia*. Mr. Reeve, in his beautiful work, "Conchologia Iconica," mixes many of our species in a manner that does not admit of their being separated into groups; and Dr. Chenu ("Manuel de Conchyliologie") groups together some very incongruously. Many of our groups are emphatically American, and the divisions made by our zoologists have not had the attention they deserve from European writers. Thus, neither Dr. Gray, Mr. Reeve, nor the Messrs. Adams adopt Prof. Haldeman's genus *Lithasia*, established so long since, and which is an easily recognized group. Mr. Reeve puts the various species of that group into my genus *Io* to which they certainly do not belong, and Dr. Chenu puts part of them there. The genus *Ammicola*, long since proposed by Gould and Haldeman, for a very natural group of small shells, divided from *Paludina*, is not recognized by Chenu or Reeve.

In a future paper I propose to define the group into which our *Melanidæ* seem naturally to divide themselves, adopting the well recognized genera which have been established.

TRYPANOSTOMA DUX.—Testâ carinatâ, pyramidatâ, crassâ, rufo-fuscescente; spirâ valdè elevatâ; suturis paulisper impressis; anfractibus instar novenis, planulatis; aperturâ subgrandi, rhombicâ, intus pallido salmoniâ; labro acuto, sinuoso; columellâ incrassatâ et valdè contortâ.

Hab.—Tennessee River, W. Spillman, M. D. Fox River, Illinois, J. Sampson. Oostenaula, Rev. G. White. Tuscumbia, B. Pybas.

TRYPANOSTOMA THORTONII.—Testâ carinatâ, pyramidatâ, subcrassâ, corneâ

* Messrs. Adams for the type of subgenus *Juga* give *Buddii*, Say. I am not aware that Mr. Say described any Melanian under that name; and in *Megara* they give *altæare*, Con. and *basalis*, Lea, as types, while they certainly belong to very different groups, having very differently formed apertures.

[April,

vel vittatâ vel evittatâ; spirâ regulariter elevatâ; suturis parum impressis; anfractibus instar denis, planulatis; aperturâ parviusculâ, rhomboideâ, intus albidâ; labro acuto, valdè sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—Tuscumbia, Ala., L. B. Thorton, Esq. and Rev. G. White. Chattanooga, Tenn., J. Clark.

TRYPANOSTOMA TROOSTII.—Testâ carinatâ, conoideâ, valdè inflatâ, vel luteo-corneâ vel viridescente, vel vittatâ vel evittatâ; spirâ elevatâ; suturis valdè et irregulariter impressis; anfractibus instar novenis, subimpressis, interdum canaliculatis; aperturâ grandi, rhomboideâ, intus albidâ, interdum vittatâ; labro acuto, sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—Tennessee, Prof. G. Troost. Florence, Ala., Rev. G. White. Oostena River, Ga., Bishop Elliott; and Fox River, near New Harmony, Indiana, J. Sampson.

TRYPANOSTOMA INCURVUM.—Testâ carinatâ, conoideâ, subtenui, corneâ; spirâ subelevatâ; suturis regulariter impressis; anfractibus octonis, planulatis, infernè obsoletè striatis; aperturâ parviusculâ, rhomboideâ, intus albidâ; labro acuto, sigmoideâ; columellâ valdè contortâ.

Hab.—Florence, Ala., Rev. G. White.

TRYPANOSTOMA POSTELLI.—Testâ carinatâ, pyramidatâ, subcrassâ, corneâ; spirâ regulariter conicâ; suturis valdè impressis; anfractibus octonis, vel planulatis vel impressis, ultimo parviusculo; aperturâ parvissimâ, rhomboideâ, intus albidâ; labro acuto, valdè sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—Tennessee River, J. Postell. North Alabama, Prof. Tuomey.

TRYPANOSTOMA TUOMEYI.—Testâ carinatâ, crassiusculâ, elevato-conicâ, tenebroso-fuscâ; spirâ elevato-conicâ; suturis vix impressis; anfractibus instar denis, planulatis, infernè obsoletè striatis; aperturâ parvâ, rhomboideâ, intus tenebrôsâ; labro acuto, sinuoso; columellâ paulisper incrassatâ, et valdè contortâ.

Hab.—North Ala., Prof. Tuomey. Florence, Ala., Rev. G. White.

TRYPANOSTOMA FLORENCENSE.—Testâ subcarinatâ, turritâ, subcrassâ, tenebroso-fuscâ vel luteo-corneâ, obsoletè vittatâ vel evittatâ; spirâ valdè elevatâ; suturis leviter impressis; anfractibus instar undenis, paulisper convexis; aperturâ parviusculâ, rhomboideâ, intus cæruleo-albâ; labro acuto, sinuoso; columellâ albidâ et valdè contortâ.

Hab.—Florence, Ala., Dr. Spillman. Tuscumbia, L. B. Thornton, Esq.

TRYPANOSTOMA CLARKII.—Testâ obtusè carinatâ, conicâ, subcrassâ, tenebroso-olivâ; spirâ elevatâ; suturis valdè impressis; anfractibus instar octonis, planulatis; aperturâ parviusculâ, rhomboideâ, intus albidâ; labro acuto, sinuoso; columellâ albâ et contortâ.

Hab.—French, Broad and Tellico Creeks, Tenn., J. Clark and Prof. Christy. Florence, Ala., G. White. Noxubee River, Miss., Dr. Spillman; and Clinch River, Tenn., Dr. Warder. Coosa, Cahawba and Alabama Rivers, Ala., Dr. Showalter.

TRYPANOSTOMA ALABAMENSE.—Testâ carinatâ, crassiusculâ, subfusiformi, tenebroso-corneâ; spirâ subattenuatâ; suturis regulariter impressis; anfractibus instar octonis, planulatis, infernè striatis; aperturâ parviusculâ; rhomboideâ, intus albidâ; labro acuto, sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—North Alabama, Prof. Tuomey. Florence, Ala., Rev. G. White.

TRYPANOSTOMA LIGATUM.—Testâ carinatâ, fusiformi, subcrassâ, inflatâ, nitidâ, vittatâ vel evittatâ, luteo-olivâ; spirâ obtusè conicâ; suturis impressis; an-

1862.]

fractibus septenis, convexiusculis, ultimo pergrandi, ligatâ apud peripheriam; apertura grandi, rhomboideâ, intus obsoletè vittatâ; labro acuto, sinuoso; columellâ infernè incrassatâ, ad basim rufo-maculatâ, valdè contortâ.

Hab.—Tennessee, Prof. Troost. Cumberland, River, C. T. Downie. North Ala., Prof. Tuomey. Ohio River at Cincinnati, U. P. James.

TRYPANOSTOMA PYBASII.—Testâ obtusè carinatâ, obtusè conicâ, solidâ, bivittâ, viridi-fuscâ; spirâ obtusâ; suturis valdè impressis; anfractibus instar octonis, convexiusculis; aperturâ parvâ, rhombicâ, intus albâ et vittatâ; labro acuto, valdè sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—Tuscumbia, Ala., B. Pybas.

TRYPANOSTOMA OLIVACEUM.—Testâ carinatâ, subfusiformi, subcrassâ, olivaceâ; spirâ subobtusâ; suturis impressis; anfractibus instar octonis, planulatis; aperturâ subgrandi, rhomboideâ, intus albidâ; labro acuto, sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—Tombigbee River, Mississippi, W. Spillman, M. D.

TRYPANOSTOMA MONILIFERUM.—Testâ tuberculatâ, crassâ, pyramidatâ, vel luteolâ vel virentè, vittatâ vel evittatâ; spirâ elevato-pyramidatâ; suturis irregulariter impressis; anfractibus instar denis, planulatis, infernè striatis, interdum obsoletè sulcatis, ad peripheriam tuberculatis; aperturâ subgrandi, rhomboideâ, intus vel albidâ vel salmoniâ, plerumquè bivittatâ; labro acuto, valdè sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—Tennessee, Prof. Troost and Mr. Anthony. Florence, Ala., Rev. G. White, Mr. Pybas and Mr. Thornton. Cumberland River, Dr. Powell. Ohio River, near the mouth, in Illinois, J. Donaldson. New Harmony, Indiana, Mr. Carley and Mr. Sampson. Warrior River, Ala., Prof. Brumby.

TRYPANOSTOMA LEWISII.—Testâ sulcatâ, subtenui, elevato-conicâ, tenebroso-fuscâ vel corneâ, vittatâ; spirâ attenuatâ; suturis paulisper impressis; anfractibus instar undenis, planulatis; aperturâ parvâ, subrhomboideâ, intus vittatâ; labro acuto, paulisper sinuoso; columellâ infernè paulisper incrassatâ et valdè contortâ.

Hab.—Peoria, Illinois, J. Lewis, M. D.

TRYPANOSTOMA MORIFORMI.—Testâ sulcatâ, subcylindraceâ, solidâ, uno-vittatâ, corneâ, spirâ obtusè conicâ; suturis impressis; anfractibus instar novenis, impressis, canaliculatis; aperturâ parviusculâ, rhombicâ, intus albâ et uno-vittatâ; labro acuto, valdè sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—Oostenaula River, near Rome, Ga., Rev. G. White. Tenn. River, Dr. Spillman. Tuscumbia, Ala. B. Pybas.

TRYPANOSTOMA VIRIDE.—Testâ subsulcatâ, subcrassâ, subfusiformi, olivaceâ; spirâ obtusè conicâ; suturis valdè impressis; anfractibus septenis, convexis, ultimo subcanaliculato; aperturâ subgrandi, rhomboideâ, intus vel purpureâ vel albidâ; labro acuto, sinuoso; columellâ infernè incrassatâ et paulisper contortâ.

Hab.—Tennessee, Prof. Troost.

TRYPANOSTOMA SHOWALTERII.—Testâ striatâ, interdum lævi, valdè exertâ, crassâ subcylindraceâ, vel corneâ vel fuscâ, interdum infernè vittatâ; spirâ valdè elevatâ; suturis valdè impressis; anfractibus novenis, subplanulatis; aperturâ parvâ, rhomboideâ, intus vel albidâ vel salmoniâ; labro acuto, parum sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—Cahawba River, Ala., E. R. Showalter, M. D. Tuscaloosa, Ala., Dr. Budd. Oostenaula River, Ga., Rev. G. White and Bishop Elliott.

TRYPANOSTOMA ANTHONYI.—Testâ rugoso striatâ, pyramidatâ, crassâ, luteo-olivaceâ; spirâ elevatâ; suturis rugoso-impressis; anfractibus instar novenis,

[April,

planulatis; aperturâ subgrandi, rhomboideâ, intus albâ; labro acuto, sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—Tennessee, J. G. Anthony. Warrior River and Yellowleaf Creek, Ala., Dr. Showalter. Fox River, Indiana; J. Sampson.

TRYPANOSTOMA STRIATUM.—Testâ striatâ, subulari, subtenui, corneâ; spirâ elevatâ; suturis impressis; anfractibus instar octonis, convexiusculis, ultimo parviusculo; aperturâ parvâ, subrhomboideâ, intus albidâ; labro acuto, valdè sinuoso, expanso; columellâ paulisper incrassatâ et valdè sinuosâ.

Hab.—Florence, Ala., B. Pybas.

TRYPANOSTOMA HARTMANI.—Testâ lævi, interdum obsolete canaliculatâ, solidâ, virente vel rufo-fuscescente, regulariter conicâ, vittatâ vel evittatâ; spirâ pyramidatâ; suturis regulariter impressis; anfractibus instar novenis, convexiusculis; aperturâ parvâ, rhomboideâ, intus vel albâ vel salmoniâ; labro acuto, sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—Cahawba and Coosa Rivers; Dr. Showalter. Warrior River, Alabama. Knoxville, Dr. Budd and J. Clark. Tenn. River, Ala., Dr. Spillman.

TRYPANOSTOMA JAYI.—Testâ lævi, subpupoideâ, crassâ, nitidâ, rufo-fuscâ; spirâ obtuso-conicâ; suturis valdè impressis, anfractibus octonis, subtumidis, ultimo subgrandi; aperturâ parvâ, rhomboideâ, subangustâ, intus pallido-fuscâ; labro acuto, sinuoso; columellâ infernè incrassatâ et contortâ.

Hab.—, Alabama? J. C. Jay, M. D.

TRYPANOSTOMA SPILLMANI.—Testâ lævi, regulariter conicâ, tenebroso-olivâ; spirâ elevatâ; suturis regulariter impressis; anfractibus instar novenis, planulatis; aperturâ parviusculâ, rhomboideâ, intus albidâ, interdum vittatâ; labro acuto, sinuoso; columellâ albâ et valdè contortâ.

Hab.—Noxubee River, Miss., W. Spillman, M. D.; and Tenn., J. Clark.

TRYPANOSTOMA CHRISTYI.—Testâ lævi, elevato-conicâ, crassiusculâ, corneâ, rarò vittatâ; spirâ valdè elevatâ; suturis regulariter impressis; anfractibus instar denis, parum convexis; aperturâ parvâ, subrhomboideâ, intus albidâ; labro acuto, sinuoso; columellâ albâ et contortâ.

Hab.—Cane Creek, Tenn., Prof. D. Christy.

TRYPANOSTOMA LABIATUM.—Testâ lævi, acuto-conicâ, subcrassâ, nitidâ, virido-corneâ; spirâ attenuatâ, mucronatâ; suturis regulariter impressis; anfractibus instar denis, convexiusculis, ad apicem carinatis, ultimo subgrandi; aperturâ parviusculâ, rhomboideâ, intus albidâ; labro acuto, juxta marginem incrassato, valdè dilatato, valdè sinuoso; columellâ albidâ, infernè incrassatâ et valdè contortâ.

Hab.—Big Miami River, Ohio, J. Clark.

TRYPANOSTOMA WHITEI.—Testâ lævi, attenuato-conicâ, crassiusculâ, tenebroso-corneâ; spirâ valdè elevatâ; suturis regulariter impressis; anfractibus instar novenis, convexiusculis; aperturâ parvâ, subrhomboideâ, intus albidâ; labro acuto, sinuoso; columellâ infernè incrassatâ et contortâ.

Hab.—Lafayette co. and Marietta, Ga.; Rev. G. White. Farland's Creek, Mississippi, Dr. Spillman; and Tenn., J. G. Anthony.

TRYPANOSTOMA ESTABROOKII.—Testâ lævi, attenuato-conicâ, subtenui, corneâ; spirâ valdè elevatâ, supernè carinatâ; suturis regulariter impressis; anfractibus instar denis, convexis; aperturâ parvâ, subrhomboideâ, intus albidâ; labro acuto, subsinuoso; columellâ albâ et contortâ.

Hab.—East Tennessee, President Estabrook and Bishop Elliott. Near Cleveland, Tenn., Prof. Christy; and Monroe co., Tenn., J. Clark.

TRYPANOSTOMA KNOXVILLENSE.—Testâ lævi, subulari, subtenui, pallido-corneâ; spirâ attenuato-conicâ, mucronatâ; suturis regulariter impressis; anfractibus denis, convexiusculis, ad apicem carinatis, ultimo subconstricto; aperturâ

1862.]

parvâ, subrhomboideâ, intus albâ; labro acuto, sinuoso; columellâ infernè incrassatâ et paulisper contortâ.

Hab.—Knoxville, Tenn., Pres. Estabrook.

TRYPANOSTOMA ATTENUATUM.—Testâ lævi, subulari, subtenui, corneâ; spirâ attenuatâ; suturis impressis; anfractibus novenis, vix convexis, ultimo parvo; aperturâ parvâ, rhomboideâ, intus albidâ; labro acuto, valdè sinuoso; columellâ vix incrassatâ et contortâ.

Hab.—Lafayette, Ga., Rev. G. White; and Tenn., Dr. Hartman.

TRYPANOSTOMA SUBULÆFORME.—Testâ carinatâ, subulari, subtenui, corneâ; spirâ attenuato conicâ; suturis valdè impressis; anfractibus denis, infernè planulatis, supernè carinatis; aperturâ parvâ, subrhomboideâ, intus albidâ; labro acuto, sinuoso; columellâ paulisper incrassatâ et contortâ.

Hab.—Knoxville, Tenn., Prof. Troost and W. Spillman, M. D.

TRYPANOSTOMA TORTUM.—Testâ substriatâ, conicâ, corneâ, subcrassâ; spirâ subobtusò-conicâ; suturis valdè impressis; anfractibus septenis, planulatis; aperturâ subgrandi, subrhomboideâ, intus albidâ; labro acuto, vix sinuoso; columellâ valdè incurvatâ, supernè paulisper incrassatâ, infernè incrassatâ et valdè contortâ.

Hab.—Uchee Bar, below Columbus, Ga., J. Lewis, M. D.

TRYPANOSTOMA PALLIDUM.—Testâ lævi, attenuato-conicâ, subcrassâ, pallido-corneâ; spirâ valdè elevatâ; suturis valdè impressis; anfractibus undenis, convexiusculis, supernè subgeniculatis; aperturâ parviusculâ, subrhomboideâ, intus albâ; labro acuto, sinuoso; columellâ albâ et valdè contortâ.

Hab.—Niagara Falls, New York.

TRYPANOSTOMA PARVUM.—Testâ lævi, crassiusculâ, conoideâ, corneâ, vittatâ vel evittatâ; spirâ conoideâ; suturis regulariter impressis; anfractibus octonis, planulatis; aperturâ parvâ, rhomboideâ, intus albidâ; labro acuto, paulisper sinuoso; columellâ infernè paulisper incrassatâ et contortâ.

Hab.—Knoxville, Pres. Estabrook; and French Broad River, East Tenn., J. Clark.

TRYPANOSTOMA MODESTUM.—Testâ lævi, conicâ, subtenui, virido-corneâ; spirâ subelevatâ; suturis linearibus; anfractibus instar septenis, convexiusculis, ultimo subcompresso; aperturâ parviusculâ, subrhomboideâ, intus cæruleo-albâ; labro acuto, sinuoso, expanso; columellâ infernè paulisper incrassatâ et contortâ.

Hab.—Chilogita Creek, Blount co., Tenn., J. Clark.

TRYPANOSTOMA SIMPLEX.—Testâ lævi, conicâ, subcrassâ, luteo-olivaceâ, spirâ subelevatâ; suturis paulisper impressis; anfractibus octonis, subconvexis, ultimo subconstricto; aperturâ parvâ, constrictâ, rhomboideâ, intus albidâ; labro acuto, sinuoso; columellâ infernè incrassatâ et contortâ.

Hab.—Cincinnati, Ohio, T. G. Lea.

TRYPANOSTOMA MINOR.—Testâ lævi, obtusè conoideâ, subcrassâ, luteolâ, vittatâ; spirâ obtuso-conoideâ; suturis valdè impressis; anfractibus septenis, convexiusculis, ultimo grandi; aperturâ grandi, subrhomboideâ, intus albâ, interdum vittatâ; labro acuto, sinuoso; columellâ incurvâ, infernè incrassatâ et paulisper contortâ.

Hab.—Tennessee, Prof. Troost.

TRYPANOSTOMA PUMILUM.—Testâ lævi, nitidâ, conoideâ, subsolidâ, luteo-virescente, bivittatâ; spirâ obtuso-conoideâ; suturis valdè impressis; anfractibus septenis, subconvexis, ultimo pergrandi; aperturâ subgrandi, rhomboideâ, intus albidâ et trivittatâ; labro acuto, sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—Tennessee, Prof. Troost.

[April,

TRYPANOSTOMA BIVITTATUM.—Testâ lævi, conoideâ, subcrassâ, luteâ, bivittatâ; spirâ obtuso-conoideâ; suturis valdè impressis; anfractibus septenis, subconvexis, ultimo grandi; aperturâ subgrandi, subrhomboideâ, intus albâ, bivittatâ; labro acuto, paulisper sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—Tennessee, Prof. Troost.

TRYPANOSTOMA VANUXEMII.—Testâ lævi, conoideâ, flavidâ, vel bivittatâ vel evittatâ; spirâ obtuso-conicâ; suturis impressis; anfractibus senis, convexiusculis; aperturâ parviusculâ, subrhomboideâ, intus albidâ; labro acuto, sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—South Carolina, Prof. L. Vanuxem.

TRYPANOSTOMA TRIVITTATUM.—Testâ lævi, subfusiformi, subtenui, nitidâ, olivaceâ, trivittatâ; spirâ conicâ, mucronatâ, ad apicem carinatâ; suturis linearibus; anfractibus octonis, planulatis, ultimo subgrandi; aperturâ subgrandi, rhomboideâ, intus vittatâ; labro acuto, sinuoso; columellâ paulisper incrassatâ et incurvâ.

Hab.—Tombigbee River, Mississippi, W. Spillman, M. D.

TRYPANOSTOMA TROCHULUS.—Testâ lævi, trochiformi, valdè tumidâ, luteâ, infrâ unifasciatâ; spirâ valdè obtusâ; suturis impressis; anfractibus senis, supernè planulatis, infernè inflatis; aperturâ grandi, rhomboideâ, albidâ et unifasciatâ; labro acuto, sinuoso; columellâ infernè incrassatâ et valdè contortâ.

Hab.—Holston River, Tenn., Prof. G. Troost.

TRYPANOSTOMA SYCAMORENSE.—Testâ plicatâ, conicâ, luteo-corneâ, subcrassâ; spirâ attenuatâ, mucronatâ; suturis impressis; anfractibus undenis, convexiusculis, supernè carinatis, in medio plicatis; aperturâ parviusculâ, rhomboideâ, intus albidâ; labro acuto, sinuoso; columellâ incurvâ, infernè incrassatâ et contortâ.

Hab.—Sycamore, Claiborne co., E. Tenn., J. Lewis, M. D.

TRYPANOSTOMA CHAKASAHÆNSE.—Testâ lævi, conicâ, fusco-virente, subtenui, bivittatâ; spirâ subattenuatâ; suturis valdè impressis; anfractibus instar octonis, convexis, supernè carinatis; aperturâ parvâ, rhombicâ, intus albâ et vittatâ; labro acuto, sinuoso; columellâ incurvâ, infernè incrassatâ et valdè contortâ.

Hab.—Chakasaha River, Ala., Wm. Spillman, M. D.

TRYPANOSTOMA TENNESSEËNSE.—Testâ lævi, obtusè conicâ, valdè inflatâ, subcrassâ, tenebroso-fuscâ; spirâ brevi, valdè obtusâ; suturis impressis; anfractibus instar denis, convexis; aperturâ magnâ, rhomboideâ, intus tenebrôsâ; labro acuto, expanso, inflecto et valdè sinuoso; columellâ internè valdè incrassatâ et contortâ.

Hab.—Tenn., Prof. Troost. Lebanon co., Tenn., J. M. Safford.

TRYPANOSTOMA KNOXENSE.—Testâ lævi, conicâ, vel ferrugineâ vel vittatâ, subcrassâ; spirâ subelevatâ, mucronatâ; suturis impressis; anfractibus octonis, convexiusculis, supernè carinatis; aperturâ parvâ, intus vel albidâ vel fuscâ; labro acuto, sinuoso, expanso; columellâ paulisper incrassatâ et contortâ.

Hab.—Flat Creek, Knox co., Tenn., Prof. D. Christy.

TRYPANOSTOMA CANALITUM.—Testâ canaliculatâ, conicâ, crassiusculâ, corneâ, obsoletè vittatâ; spirâ regulariter conicâ, subelevatâ, ad apicem bivittatâ; suturis impressis; anfractibus planulatis; instar septenis, ultimo canaliculato; aperturâ parvâ, rhomboideâ, intus vel albâ vel salmoniâ et vittatâ; labro acuto et sigmoideo; columellâ contortâ, ad basim recurvâ.

Hab.—Yellowleaf Cr., Ala., E. R. Showalter, M. D.

1862.]